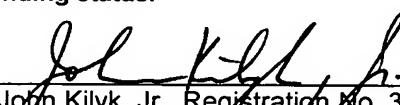


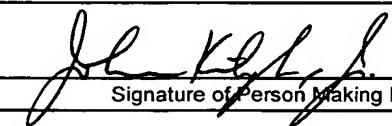
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 251134 CLIENT FILE NO. 1570904 2006G/US U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Unassigned
INTERNATIONAL APPLICATION NO. PCT/JP2004/012508	INTERNATIONAL FILING DATE 2004 August 31 (2004.08.31)	PRIORITY DATE CLAIMED 2003 September 08 (2003.09.08)
TITLE OF INVENTION MODIFIED PYRROLOQUINOLINE QUINONE (PQQ) DEPENDENT GLUCOSE DEHYDROGENASE EXCELLENT IN SUBSTRATE SPECIFICITY		
APPLICANT(S) FOR DO/EO/US TAKESHIMA, Seiji; MATSUMURA, Tadanobu; KISHIMOTO, Takahide; OKA, Masanori; HIRAYAMA, Noriaki		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)).</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has previously been submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).</p> <p>11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> Paper Copy c. <input checked="" type="checkbox"/> Statement verifying identity of above copies </p> <p>Items 12 to 20 below concern other document(s) or information included:</p> <p>12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of References (except for U.S. patents and applications) </p> <p>13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>14. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>15. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>16. <input type="checkbox"/> A substitute specification.</p> <p>17. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>18. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76</p> <p>19. <input checked="" type="checkbox"/> Return Receipt Postcard</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Drawings (Figs. 1-7 on 5 Sheets) Verification of Translation of Application</p>		

SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

IAP20 Rec'd PCT/PTO 07 MAR 2006

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 107520904 Unassigned	INTERNATIONAL APPLICATION NO. PCT/JP2004/012508	ATTORNEY DOCKET NO. 251134	CLIENT REF. NO. 20060G/US
The following fees are submitted:		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee \$300		\$300.00	
22. <input checked="" type="checkbox"/> Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$ 0 All other situations \$200		\$200.00	
23. <input checked="" type="checkbox"/> Search Fee USPTO was ISA \$100 Search report provided to USPTO by other entity \$400 All other situations \$500		\$400.00	
		TOTAL OF 21, 22 AND 23 =	\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/ 50 =		x \$250
<input type="checkbox"/> Surcharge of \$130 for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	18	- 20 = 0	x \$ 50 \$0.00
Independent Claims	2	- 3 = 0	x \$200 \$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$
		TOTAL OF ABOVE CALCULATIONS =	\$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		\$ ()	
		SUBTOTAL=	\$900.00
<input type="checkbox"/> Processing fee of \$130 for furnishing English Translation later than 30 months from the earliest claimed priority date.		\$	
		TOTAL NATIONAL FEE=	\$900.00
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.		\$	
		TOTAL FEES ENCLOSED=	\$900.00
		Amount to be: refunded	\$
		Amount to be charged:	\$
<p>a. <input type="checkbox"/> No fee is believed to be due.</p> <p>b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-1216 the total fee indicated above.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed.</p>			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>			
SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23460: 23460		 John Kilyk, Jr., Registration No. 30,763 LEYDIG, VOIT & MAYER LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)	
Date: March 7, 2006			

1AP20 Rec'd PCT/PTO 07 MAR 2006

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/709904	INTERNATIONAL APPLICATION NO. PCT/JP2004/012508	ATTORNEY DOCKET NO. 251134	CLIENT REF. NO. 20060G/US
EV 709901258 US "Express Mail" Mailing Number		March 7, 2006 Date of Deposit	
<p>I hereby certify that this transmittal document with respect to the U.S. national phase of the above-referenced International Patent Application, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>			
John Kilyk, Jr. Typed or Printed Name of Person Making Deposit		 Signature of Person Making Deposit	

10/570904

1AP20R3C01K0707 MAR 2006
VERIFICATION OF TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP2004/012508 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

February 21, 2006

Full name of the translator

Hiromichi KAKEHI

Signature of the translator



Post Office Address

Kitahama TNK Building 7-1, Doshō-machi

1-chome, Chuo-ku, Osaka-shi, Osaka 541-0045,

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